

**Most Frequently Occurring Classifications of Patents Returned  
From A PLUS Search of 09/882,786 on August 07, 2002**

**Original Classifications**

3 324/627  
3 714/43  
2 73/831  
2 73/865.9  
2 324/539  
2 324/66  
2 340/603

**Combined Classifications**

5 324/627  
5 714/43  
4 324/539  
3 324/612  
3 324/66  
3 324/72  
2 73/756  
2 73/826

**Cross-Reference Classifications**

3 324/612  
3 324/72  
2 73/756  
2 73/826  
2 73/862.541  
2 73/866.1  
2 250/573  
2 250/575  
2 324/539  
2 324/603  
2 324/627  
2 340/438  
2 356/320  
2 356/436  
2 356/70  
2 455/67.3  
2 455/67.4  
2 714/25  
2 714/43  
2 714/56

2 73/831  
2 73/862.541  
2 73/865.9  
2 73/866.1  
2 250/573  
2 250/575  
2 324/603  
2 340/438  
2 340/603  
2 356/320  
2 356/436  
2 356/70  
2 379/22.03  
2 455/67.3  
2 455/67.4  
2 714/25  
2 714/56  
2 716/4

Titles of Most Frequently Occurring Classifications of Patents Returned  
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5 324/627 (3 OR, 2 XR)

Class 324: ELECTRICITY: MEASURING AND TESTING

324/600 IMPEDANCE, ADMITTANCE OR OTHER QUANTITIES REPRESENTATIVE OF  
ELECTRICAL STIMULUS/RESPONSE RELATIONSHIPS

324/612 .Parameter related to the reproduction or fidelity of a signal affected by a circuit under test

324/627 ..Shielding effectiveness (SE)

5 714/43 (3 OR, 2 XR)

Class 714 : ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY

714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

714/1 ..Reliability and availability

714/25 ..Fault locating (i.e., diagnosis or testing)

714/40 ...Component dependent technique

714/43 ....Bus, I/O channel, or network path component fault

4 324/539 (2 OR, 2 XR)

Class 324: ELECTRICITY: MEASURING AND TESTING

324/500 FAULT DETECTING IN ELECTRIC CIRCUITS AND OF ELECTRIC COMPONENTS

324/537 .Of individual circuit component or element

324/539 ..Multiconductor cable

3 324/612 (0 OR, 3 XR)

Class 324: ELECTRICITY: MEASURING AND TESTING

324/600 IMPEDANCE, ADMITTANCE OR OTHER QUANTITIES REPRESENTATIVE OF  
ELECTRICAL STIMULUS/RESPONSE RELATIONSHIPS

324/612 .Parameter related to the reproduction or fidelity of a signal affected by a circuit under test

3 324/66 (2 OR, 1 XR)

Class 324: ELECTRICITY: MEASURING AND TESTING

324/66 CONDUCTOR IDENTIFICATION OR LOCATION (E.G., PHASE IDENTIFICATION)

3 324/72 (0 OR, 3 XR)

Class 324: ELECTRICITY: MEASURING AND TESTING

324/72 TESTING POTENTIAL IN SPECIFIC ENVIRONMENT (E.G., LIGHTNING STROKE)

2 73/756 (0 OR, 2 XR)

Class 073: MEASURING AND TESTING

73/700 FLUID PRESSURE GAUGE

73/756 ..Mounting and connection

2 73/826 (0 OR, 2 XR)

Class 073: MEASURING AND TESTING

73/760 SPECIMEN STRESS OR STRAIN, OR TESTING BY STRESS OR STRAIN  
APPLICATION

73/788 .By loading of specimen (e.g., strength of material test)

73/826 ..Tensile

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- 2 73/831 (2 OR, 0 XR)
  - Class 073: MEASURING AND TESTING
  - 73/760 SPECIMEN STRESS OR STRAIN, OR TESTING BY STRESS OR STRAIN APPLICATION
  - 73/788 .By loading of specimen (e.g., strength of material test)
  - 73/826 ..Tensile
  - 73/831 ...Having specified clamp
- 2 73/862.541 (0 OR, 2 XR)
  - Class 073: MEASURING AND TESTING
  - 73/862 DYNAMOMETERS
  - 73/862.381 .Responsive to force
  - 73/862.541 ..Combined
- 2 73/865.9 (2 OR, 0 XR)
  - Class 073: MEASURING AND TESTING
  - 73/865.9 TESTING OF APPARATUS
- 2 73/866.1 (0 OR, 2 XR)
  - Class 073: MEASURING AND TESTING
  - 73/866.1 INSTRUMENT MECHANISM OR TRANSMISSION
- 2 250/573 (0 OR, 2 XR)
  - Class 250: RADIANT ENERGY
  - 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
  - 250/216 .Optical or pre-photocell system
  - 250/573 ..Fluent material in optical path
- 2 250/575 (0 OR, 2 XR)
  - Class 250: RADIANT ENERGY
  - 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
  - 250/216 .Optical or pre-photocell system
  - 250/573 ..Fluent material in optical path
  - 250/575 ...Plural paths
- 2 324/603 (0 OR, 2 XR)
  - Class 324: ELECTRICITY: MEASURING AND TESTING
  - 324/600 IMPEDANCE, ADMITTANCE OR OTHER QUANTITIES REPRESENTATIVE OF ELECTRICAL STIMULUS/RESPONSE RELATIONSHIPS
  - 324/602 .With auxiliary means to condition stimulus/response signals
  - 324/603 ..For excitation
- 2 340/438 (0 OR, 2 XR)
  - Class 340: COMMUNICATIONS: ELECTRICAL
  - 340/425.5 LAND VEHICLE ALARMS OR INDICATORS
  - 340/438 .Internal alarm or indicator responsive to a condition of the vehicle

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- 2 340/603 (2 OR, 0 XR)
  - Class 340: COMMUNICATIONS: ELECTRICAL
  - 340/500 CONDITION RESPONSIVE INDICATING SYSTEM
  - 340/540 .Specific condition
  - 340/603 ..Fluent material
  
- 2 356/320 (0 OR, 2 XR)
  - Class 356: OPTICS: MEASURING AND TESTING
  - 356/300 BY DISPERSED LIGHT SPECTROSCOPY
  - 356/319 .Utilizing a spectrophotometer (i.e., plural beam)
  - 356/320 ..Having plural wavelengths
  
- 2 356/436 (0 OR, 2 XR)
  - Class 356: OPTICS: MEASURING AND TESTING
  - 356/432 FOR LIGHT TRANSMISSION OR ABSORPTION
  - 356/436 .Of fluent material
  
- 2 356/70 (0 OR, 2 XR)
  - Class 356: OPTICS: MEASURING AND TESTING
  - 356/70 OIL TESTING (E.G., CONTAMINATION)
  
- 2 379/22.03 (1 OR, 1 XR)
  - Class 379: TELEPHONIC COMMUNICATIONS
  - 379/1.01 DIAGNOSTIC TESTING, MALFUNCTION INDICATION, OR ELECTRICAL  
CONDITION MEASUREMENT
  - 379/22 .Of trunk or long line
  - 379/22.03 ..Fault detection or fault location on telephone link (e.g., continuity, leakage)
  
- 2 455/67.3 (0 OR, 2 XR)
  - Class 455: TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/67.1 .With measuring, testing, or monitoring of system or part
  - 455/67.3 ..Noise, distortion or unwanted signal detection (e.g., quality control, etc.)
  
- 2 455/67.4 (0 OR, 2 XR)
  - Class 455: TELECOMMUNICATIONS
  - 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
  - 455/67.1 .With measuring, testing, or monitoring of system or part
  - 455/67.4 ..Using a test signal
  
- 2 714/25 (0 OR, 2 XR)
  - Class 714: ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
  - 714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING
  - 714/1 .Reliability and availability
  - 714/25 ..Fault locating (i.e., diagnosis or testing)

**Titles of Most Frequently Occurring Classifications of Patents Returned**

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**2 714/56 (0 OR, 2 XR)**

Class 714: ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY

714/100 DATA PROCESSING SYSTEM ERROR OR FAULT HANDLING

714/1 .Reliability and availability

714/48 ..Error detection or notification

714/55 ...Timing error (e.g., watchdog timer time-out)

714/56 ....Bus or I/O channel device fault

**2 716/4 (1 OR, 1 XR)**

Class 716 : DATA PROCESSING: DESIGN AND ANALYSIS OF CIRCUIT OR  
SEMICONDUCTOR MASK

716/1 CIRCUIT DESIGN

716/4 .Testing or evaluating

**List of Patents Returned in Closeness Factor Order  
from a PLUS Search of 09/882,786 on August 07, 2002**

<u>Patent No.</u>	<u>Closeness Factor</u>	<u>Patent No.</u>	<u>Closeness Factor</u>
5,761,168	99	5,576,756	75
5,796,938	83	5,687,667	75
4,998,069	81	5,689,192	75
5,313,589	81	5,691,701	75
5,602,989	81	5,701,082	75
6,035,425	81	5,731,521	75
6,341,358	81	5,757,778	75
5,557,741	79	5,791,934	75
4,780,614	75	5,889,835	75
5,570,028	75	6,021,315	75
5,822,718	75	6,212,963	75
4,317,214	75	6,312,393	75
4,365,506	75	5,438,528	66
4,420,840	75	5,727,218	66
4,445,086	75	5,731,525	66
4,568,514	75	5,798,464	66
4,581,577	75	6,014,901	66
4,603,574	75	5,033,049	64
4,928,066	75	6,304,837	64
4,996,478	75	6,360,353	64
5,296,843	75	6,067,506	62
5,414,345	75	5,504,689	62
5,414,366	75	5,535,355	62
5,465,393	75	5,655,147	62
5,552,715	75		